Tuesday, March 7, 2023

PHOTONICS spectra®

WEBINARS

Join us for a FREE Webinar

The Universe Through Sight, Sound, and Touch: Exploring Multiwavelength Astrophysics Data Sets

Wednesday, March 8, 2023 1:00 PM - 2:00 PM EST

Register Now

.: About This Webinar

Information from the universe can be more than just a two-dimensional snapshot. These digital assets can be transformed to enable us to listen to, feel, or virtually move through cosmic objects. Kimberly Arcand, Ph.D., of NASA discusses how it is possible to listen to the debris from an exploded star, walk through the core of the Milky Way in 3D via virtual reality, feel the vibrations of a stellar nursery, and experience the universe anew. She shares some of the innovative ways that experts and nonexperts can explore astrophysical data through sonification, 3D printing, and extended reality.

Who should attend:

Engineers, researchers, and physicists who are interested in astrophysics and astronomy. Those who utilize 3D technology, optics, virtual reality, sonification, extended reality, and lasers. Professionals who are seeking a better understanding of multiwavelength astrophysics.

About the presenter:

Kimberly Arcand Ph.D. is a leading expert in astronomy visualization and has been a pioneer in 3D imaging, printing, and extended reality applications with astrophysics data. She has worked for NASA's Chandra X-ray Observatory at the Smithsonian Astrophysical Observatory since 1998. She is an expert in studying the perception and comprehension of high-energy data visualization across the novice-expert spectrum. Her current projects include sonification of spatial data, screen-based holograms, and other intersections of emerging technology and astrophysics. She has co-written eight nonfiction science books, including her first two science-related children's books.

.: Mark Your Calendar

Date: Wednesday, March 8, 2023

Time: 1:00 PM - 2:00 PM EST

Space is limited. Reserve your Webinar seat now at: https://attendee.gotowebinar.com/register/7687912173655581532?source=eblast

After registering you will receive a confirmation email containing information about joining the Webinar.

SYSTEM REQUIREMENTS

Operating System

Windows® 7 or later, Mac OS® X 10.9 or later, Linux®, Google Chrome™ OS
Android™ OS 5 or later, iOS® 10 or later

Web Browser

Google Chrome™ (most recent 2 versions)
Mozilla Firefox® (most recent 2 versions)

Mobile Devices

Android™ 5 or later
iPhone® 4S or later
iPad® 2 or later
Windows Phone® 8+, Windows® 8RT+

.: More from Photonics Media

Upcoming Webinars

- Understanding the Modulation Transfer Function and Beginning the Lens Selection Process, 3/21/2023 1:00:00 PM EDT

Archived Webinars

- Innovations in Interferometry: Fourier Transform Spectroscopy in the Palm of Your Hand
- Quantitative Stimulated Raman Scattering Microscopy: From Molecules to Animals
- 3D Optical Metrology: Capabilities for a New Era

Don't miss out!

Sign up for our Webinar Alerts email today and never miss an upcoming event.
